

COLORADO Woodworkers NEWSLETTER

Encouraging all woodworkers in
self-expression, craftsmanship and knowledge

March 2009

CWG Calendar

**PLEASE NOTE: THE MARCH MEETING IS NOT AT
ROCKLERS IN MARCH!**

Mar. 17th: , 2555 S. Santa Fe Denver

Matt Zawislak - a field trip to his shop

Mar. 24th: Board Meeting, Location TBD

Apr. 21st: Rockler, 2553 So. Colorado Blvd.

Tracey Gray

May 19th: TBA

June 13th; Rockler, 2553 S. Colorado Blvd.

Marc Spagnuolo aka "The Wood Whisperer"

Visit our web site for latest updates on meetings and locations:
www.coloradowoodworkersguild.org

(President - continued) This will be a full day of meeting with an up and coming wood superstar so we hope you can all make it.

Next year is our 30th anniversary as a group and we had thoughts of doing something very special for it. Not all year long of course but at least one meeting to beat all meetings. We even talked about trying to get David Marks from the DIY channel to come in. If you have any ideas we would love to hear them, no matter how wild they may be. We want this to be a year to remember!

Frederick R. Matzen - President
frederickrm@gmail.com

From the Secretary

As most of you know, I moved from V.P. to Secretary this year. I've gotten a few "Don't you feel like you've been demoted?" comments, but if you think about it, it's not like the real world where there is a hierarchy amongst board members. In our world we're all paid the same (nothing), no one has more power and we all have important duties. I just wanted to try my hand at the newsletter and learn another skill. Anyway, in the coming months you'll be seeing some changes. Some you may like, some you may not, in either case let me know! I'm new to publishing, but I have some ideas I want to try. For one, I want to add more pictures. I feel that woodworking, like all crafts, is very visual. I want to add more color (unfortunately the hardcopies will still be in black & white due to the cost of colored copies). I'd like to section the newsletter much like a newspaper where you have news, sports, politics, etc. but in our case we would have presentations, sponsors page, internet page, etc. Speaking of internet, I didn't realize that the url's (web addresses) were interactive in the newsletter (PDF didn't use to do this). In other words you can click on them and your browser would take you there. Therefore, I'm now highlighting all links and email addresses in blue. Well that's enough drivel from me for now, but drop me a line and let me know what you think.

Cal Noguchi - Secretary cbnoguchi@msn.com

From the President

It's March and WARM! Things are looking up. Of course we all know that this is just a false sense of security and that our heaviest snow fall is looming ahead, but why not enjoy it while we can.

Our last meeting with Joe Kuter and Robert Beason presenting their respective demonstrations brought in the most members in some time. Along with several new people a good part of our "regulars" were keen on getting some secrets from these fellows. And I hope they got all they bargained for and more. The Board members all hope that we are getting dialed in to what you want to see and bringing the best we can find to teach, instruct and answer questions for you.

Congratulations to our first Show and Tell winner, Jeff Herring! The competition was stiff even if there were only a few pieces. Any one of them could have been a winner.

We're gearing up for our special June meeting with The Wood Whisperer. I think he is even getting excited. (Continued on next column)



February Mini-Demo

Our new V.P., Bob Beason gave a slide show on setting up a basement workshop. When he told me that he built his house around his shop, I naturally thought he was kidding. After seeing slides of his workshop, I am now a believer. Bob went over environment issues such as noise suppression, lighting, electric power and dust control. He not only cut down noise by insulating walls and ceilings, but cut down vibration between ceiling joist and dry wall with a dampener. His shop has a dedicated service panel to supply power for his well lit shop and a host of 110v/220v tools. His dust collector is housed in a separate room to cut down on noise and has hooked up his sanders to a vacuum powerful enough to eliminate the need for a downdraft table. The cabinets that house his tools and supplies are beautiful enough to fit in any kitchen and his wood storage system was featured in a recent issue of "Fine Woodworking" magazine. His tools (including a souped up SawStop) are enough to make Norm envious. Large power tools are moved into the basement with a hoist from the garage to the lower level. To top it off, he has a finishing room complete with an external exhaust system. To see this unbelievable shop, go to: www.coloradoodworkersguild.com and follow the links.

Cal Noguchi - Secretary

Joe Kuter and His Clocks

Joe provided the guild an interesting history of mechanical movements designed to register the passage of time. Moving from the original simple movements, to more and more complex movements that in the 19th century that led to quite surprisingly accurate timepieces. The great Longitude act of 1714 issued in the reign of Queen Anne offered a prize of £20,000 for a method to determine longitude to an accuracy of half a degree of a great circle. Most of the astronomers of the era felt that only in the stars could that answer be obtained; while a little known woodworker John Harrison in a rural village in England realized that the answer lay in an accurate clock movement. (Continued on next column)



(Joe Kuter - Continued) The clock would be consulted at exactly noon at any location on earth and from the time you could calculate the distance to the zero degree meridian at the Royal Observatory at Greenwich in England. John Harrison started this quest to build an accurate clock and was finally awarded the prize after many clocks and problems just before he died at age 83 in 1776. He managed to compress the original large designs down into a pocket watch of great accuracy. All of John Hamilton's famous clocks are today on display and working in the Greenwich Museum.

Joe has pursued the making of clocks with wooden movements for many years and incorporates many new innovative techniques to obtain accurate perfect fitting parts. Part of his discussion included the evolution of mechanized manufacturing and the development of interchangeable parts. His discussion of the various woods, glues, and laminating techniques to achieve consistent parts that do not warp and wear for a long times was quite helpful to many of us. His creation of CNC routers to automatically make many of the internal working of his clocks was quite interesting and how he manages to gang up the manufacture of some pieces to get faster results. The mechanisms he has devised to shape gears gave many of us insights into problems we have faced.

Joe's love of the history of the mechanical comes from his engineering background and that combined with woodworking, computers, and inventing new clock movements has given him this fine new ticking world. Many of us in the guild have managed to find a niche within the wide world of woodworking and explore that to some depth. Joe epitomizes this focus, exploration, development, and creativity that evolves into new approaches, new techniques, and for him some new movements for his clocks.

His enthusiasm and depth of knowledge provides his listeners a way to enter into the excitement he finds in his specialty and allow you to join in the fun of discovery. We are hoping to have Joe back to the woodworker's guild to give us a more detailed understanding of the CNC process and the assembly of his famous wooden clocks. (There are some clock plans provided by Joe in the CWG website under Documents/Plans).



Bob Beason - Vice President

rbeason@rbeason.com

March Meeting - A Field trip to Matt Zawislak's Shop

For the March CWG meeting we will be taking a field trip to Matt Zawislak's shop. Matt a former employee of Rocklers gave the Guild a presentation on veneering in May of 2007. Matt will give us a tour of his shop, then give a brief talk on Shop setup and jigs and will have a question and answer session. You can check out some of the incredible work Matt has done at:

<http://www.MatthewsWoodworking.com/>

We will precede Matt's presentation with a brief Guild meeting including a Show & Tell.

So join us at Matt's shop

When: March 17, 2009

Time: 7:00p.m.

Where 2555 S. Santa Fe Unit S2

Directions:

Going south on Santa Fe

- Go past Evans about a quart mile to 2555 S. Santa Fe (on the right side)
- Park on the South side of the building
- Entrance is toward the back of the building (Unit S2)
- Look for a CWG sign

Coming from the South

- Go past Dartmouth about a quart mile to 2555 S. Santa Fe (on the left side)

Demo's To Look Forward To :

Tool Demos

Photographing your Work

Exotic and Custom Woodworking

Bandsaw Tune up

Online Video Blogger Marc Spagnuolo AKA The Wood Whisperer

(www.thewoodwhisperer.com)

Free Wood for Toys

Mark Klosky wood available for use on the Christmas Toys Program. Please contact him or Bill Huffers about getting some for your toy project.

Mark Klosky - (303) 722-9712 or (303) 906-1197

Thank you letters for Christmas toys

Below are a couple of thank you letters. Since the copies are hard to read, the text has been reproduced. The letters are addressed to Bill Hoppers, but they are meant for all of you that made the toys.

Dear Bill,

Another very special holiday season has passed. Again, I am thankful to have the Colorado Woodworkers Guild participate in this time of giving. Your work continues to make me smile - the creativity and thoughtfulness!! Please let the folks know their toys are out in the community and in our shelter sandbox!

Best wishes for this new year!

Bylo Farmer

Facilities/donations manager

SPAN



Jefferson County Sheriff



Dear Mr. Hoppers:

I want to personally thank you and your friends in the Colorado Woodworkers Guild for the generous donation of toys to needy Jefferson County children via the Christmas Crusade for Children program.

Each year the Sheriff's Office Participates in the Christmas Crusade, in conjunction with KYGO 98.5 FM and other area law enforcement agencies. This year, our deputies nominated more than 400 children who may otherwise have received nothing at holiday time. We were able to utilize the beautiful handmade toys you donated in place of sponsored gifts that were never delivered by the sponsor, or to supplement some gift that were inadequate. Those that were extra were donated to other deserving charities. In all, each of our young nominees received a gift that they could enjoy and that our deputies could be proud to give.

Many thanks for assisting the Sheriff's Office in carrying out its mission, and for bringing the joy of the holidays to the less fortunate in our community.

Sincerely,

Ted Mink

Sheriff



The History of the Colorado Woodworkers Guild - Part 2

In going through the archives of newsletters, it's interesting to see how our group has evolved through this print format. Most of them are from the 80's and unfortunately don't have dates, authors or much info on who was running things. So it's a bit difficult to determine what was going on when. I found one that was easy enough to figure out from December 1984.

The December 1984 meeting was held at The Woodworkers Store on 340 S. Broadway (how many of you shopped there?). The speaker was from the advertising bureau (no name was given). The November 1984 board meeting was held at Andrew Montgomery's home and included John Falkenburg and Wally Gallagher in addition to Andrew. I don't know at this time what positions they held. There was an article on Old Tools that was a spin-off of the prior meeting and mentioned a Stair Saw and Shoulder Knives.

The following article was very interesting and I thought it worthy of reprinting. So enjoy this bit of info from a past newsletter.

Frederick R. Matzen - President

SOMETHING ABOUT WOOD **(Excerpt from 1984 Newsletter)**

I WAS READING Scientific American, December 1984 and I ran across an article entitled "The Spanish Ships of the Line."

One of the observations that John D. Harbron makes is that the Spanish had much better wood available to them to make their ships out of than the English had. The Spanish ships were built out of Honduras Mahogany which is far more resistant than oak to dry rot and fungal growth. The English and French were having problems obtaining enough oak and pine to build and refit their ships. All of this seems to point out that had it not been for luck and better tactics the English had at the Battle of Trafalgar, the course of history might have been changed because the Spanish ships could have stayed at sea longer than the oak ships of the English.

The English won the battle of Trafalgar in rotten ships. It took 3,000 trees, each giving 600 board feet to build a Spanish Armada war ship. The sixty three-decked, three-masted ships that fought at Trafalgar weighted no more than 120,000 tons, about the weight of a modern supertanker. (Continued on next column)

(Something about Wood - continued) The framework was held together by nails of oak or mahogany and by bolts of wrought iron. In some large ships the bolts were up to six feet long, held in place by wooden or wrought iron nuts. Maintenance of these warships called for periodic replacement of the basic framework and the cost of maintenance was often three times the original cost before the ship was retired. King Charles III of Spain brought long-term planning by setting six classes of ship's designs instead of the variety that came from an original design for each new ship. The six designs were each for a specific purpose and resulted in trade-offs between maneuverability and a stable gun platform. The classification of first-rate to sixth-rate was based on the number of gun decks in a ship and on the number of guns on board. Thus, a third-rate ship was not necessarily an inferior battleship.

Scientific voyages and contributions should be mentioned alongside the battle accomplishments. Spanish expeditions commissioned by Charles III circumnavigated the globe and undertook studies of marine biology, oceanography and navigational techniques. Botanists, geographers and cartographers made detailed reports of all their observations.

Author Unknown

Tip for "Quick Hard Patching"

If you mix Baking Soda and Super Glue you can make a fast hard patch, but it doesn't blend in with your project. There are two ways to do this though: Mix in sawdust from your project or use a color stain like Transtint to pre-color the Baking Soda. Mix in the wet coloring to the desired tint and let the Baking Soda dry. Then it crumbles easily into a powder again, ready to fill in your patch, then add in the Super Glue, let dry for a couple of seconds and sand smooth.

Large Projects

Some of you (myself included) make large projects such as: entertainment units, bookshelves, fireplace mantels, boats, etc. Well, these things aren't very easy to bring to the meetings to show-off. Well, we're asking you to take digital pictures of your work and either email them to the guild or bring a flashdrive or a CD with your pictures on them to the meeting. We will then run a slide show on the monitors prior to the meeting. These projects will also be eligible for the Show & Tell contest.

Special April Show and Tell

In April we will have a special "Show and Tell", in addition to our regular show and tell, we ask you to bring in a favorite jig that you use in your shop and share it with the guild. Jigs of all types are welcome and we hope that each of us leaves the meeting with some insights that can assist us with particular problems that we face in our own shops. Table Saw, Router, Drill Press, hand saw, and sanding jigs come to mind; many of you will come up with many others. This is a one-time-only show and tell opportunity. What we hope to do is have a Monthly Special in our show and tell segment of the meeting. Each monthly special will feature a theme that will enhance a particular aspect of our craft. So, blow the dust off that tattered favorite jig and haul it to Rocklers for the April meeting.



Some members that attended the February meeting

Shop Space for Rent

WANTED: WOODWORKER

Professional woodworker with 8 years experience looking for partner to share 1500-2100 s.f. shop space located 2 blocks from Austin Hardwoods, just south of the Denver Design Center.

600 s.f. is office/gallery space, rest is shop.

Fully equipped shop with sliding table saw, table saw, 20" band saw, 15" planer, 20" jointer, shapers, router tables, edge sander, spindle sander, mortising machine, drill presses, radial arm saw, downdraft table, clamps, wood storage, vacuum press, dust collection, lathe, benches, air compressor, 14' garage door, off-street parking and more.

Available March 2009

Rent: \$450-\$1050 depending on arrangement.

Please call Cliff Whitehouse: (303)910-0921

or email: cliff@bernwoodcustom.com

Membership dues going up for hardcopy recipients

If you are receiving this newsletter via the US Post Office (in other words a hardcopy), your membership dues will be increased to \$40/year when you renew your membership. The cost of sending a hardcopy is reaching \$1.50 per newsletter (a possible \$18/year). The cost is based on materials, copying and postage. So if you have an email address, please notify us at:

Newsletter@coloradoodworkersguild.org

This also applies to those that have changed email addresses and have not informed us of the new one. For those receiving electronic versions of the newsletter, your membership will remain at \$30/year. Other advantages to the electronic version:

- Colored pictures
- Hyperlinks to woodworking websites, forums, merchants, etc.
- Save a tree (for woodworking)

Do You have an adaptation, original project idea, technique or jig you want to share?

Send a rough draft or finished article to:

newsletter@coloradoodworkersguild.org for possible inclusion in one of our newsletters.

Board Member Needed - Treasurer

Requirements:

- Must be a CWG member in good standing (this includes immediate families)
- Must have simple computer skills - Basic knowledge of Quicken.
- Basic accounting skills.
- Attendance at regular and board meetings - 2 Tuesdays per month.

Responsibilities:

- Budget - maintain the monthly budget and reporting.
- Report to the Board the current financials at each Board meeting.
- Maintain the subscriber database, take dues, remind members of membership expiration.
- Check the CWG P.O. box for incoming mail.

GUILD MEMBER DISCOUNTS

20% off at :

The Hardwood Emporium

16043 W. 4th Ave., Golden CO. 80401
303-277-1488

10% off at:

Abilene Awards & Logos

www.AbileneAwards.com

173 S. Abilene, Aurora, CO 80012
303-755-0337

Centennial Wood Co.

2775 W. 7th Ave, Denver, CO.
303-778-6209

NOW OPEN on Saturdays starting Feb. 21st
Hours: 8AM to 2PM

Charlie's Secondhand Store

2227 Larimer St., Denver, CO.
303-295-1781

Paxton

www.PaxtonWood.com

4837 Jackson St., Denver, CO.
303-399-6047

Rockler Woodworking and Hardware

www.rockler.com

2553 S. Colorado Blvd., Denver, CO.
303-782-0588

TC Woods

www.TCWoods.com

9776 Arapahoe Rd., Lafayette, CO.
303-494-0425

Woodcraft

www.Woodcraft.com

New Location!

6770 S. Peoria St. Centennial, CO 80112
303-290-0007

Offers Contractor Discount (roughly 20%)

Austin Hardwoods

www.AustinHardwoods.com

975 W. Mississippi, Denver, CO.
303-733-1292

WOOD OF THE MONTH - March

Paxton

4/4 Sel&Btr Cherry S3S \$3.25 B.F.
4/4 Molding&Btr Radiata Pine S3S \$2.25 B.F.

Centennial Wood

4/4 F&B Red Oak \$1.90 B.F.

Hardwood Emporium

4/4 Quarter Sawn White Oak - \$5.50 B.F.

Woodcrafts Grand Re-Opening

The Denver Woodcraft store has moved to the south-east corner of Arapahoe Road and S. Peoria Street (near Centennial Airport).

New Address: 6770 S. Peoria St, Centennial, CO 80112

Directions from I-25: Exit E. Arapahoe Rd. Drive east for 2-miles. Turn right on S. Peoria St. Make an immediate left on E. Briarwood Ave. Turn left into the parking lot.

Plan on attending the GRAND RE-OPENING EVENT scheduled for Friday-Saturday, April 10-11, 2009. There will be FREE food, FREE demos, Vendor Reps on site to answer your questions, and PRIZE Giveaways!

If you are interested in giving a demo during the Grand Re-Opening, please contact one of the board members listed in this newsletter. Woodcraft is also looking for someone to give demos on the first Thursdays of the month, again contact a board member if you are interested.

Tool King

Tool King is offering Guild members a 5% discount on all products* (except shop machinery). Just show your membership card at the time of checkout. Tool King is located at 11111 W. 6th Ave. (On the frontage road between Kipling and Simms).

*Valid for in-store purchases only. Discount cannot be applied towards the purchase of FESTOOL items. Cannot be combined with any other offers. Tool King reserves the right to terminate this offer at any time.

For questions, call Rick Peil at 303-963-4500 X202

Colorado Woodworkers Web Site

Hopefully, all of you have had an opportunity to check out the CWG web site at www.coloradowoodworkersguild.org.

You need to be a member to access the entire site but everyone can see some of what goes on.

If you are a member and have not received access, please contact the webmaster at:

webmaster@coloradowoodworkersguild.org

Photo Gallery

If you have photos of your woodworking projects or from any of the Guild's events, you can create your own gallery after you login to the site. Or bring a CD/Flash card with your photos to a CWG monthly meeting and give it to one of the Board Members.

Classified Ads

Got Stuff to Sell? Looking for Stuff to Buy? Please check out our web site's Classified Ads feature to post your ads and see what others need or have to offer.

SketchUp Forum Area

Since Carl Beck's presentation on Google's FREE SketchUp 3D drawing program was so well received, we have created a forum area to discuss it. You can post your problems or bewilderments as well as your current projects.

You must be logged in to view the forum. Once you log in you can see a menu listing for it on the left hand side.

Web Resources

www.hardwaresource.com

Hinges, Hinges and more hinges

www.woodbin.com/calcs/shrinkulator.htm

Wood shrinkage calculator

www.sawdustmaking.com

Lots of info and links

www.fpl.fs.fed.us/documnts/fplgtr/fplgtr113/fplgtr113.htm

Free online book about everything WOOD

www.blocklayer.com/woodjoints/dovetaileng.aspx

Dovetail template generator. There's also Japanese Twisted and Radial dovetail templates.

<http://draw.labs.autodesk.com/ADDdraw/draw.html>

Project Draw - Free online drafting software. Its easy to use, very much like putting pencil to paper.

<http://www.sketchup.com/>

Google's Sketchup if you want something a little more 3D. They have a FREE version as well as a Pro version.

<http://TheWoodWhisperer.com>

Marc Spagnuolo's web site with great pod casts, tips and techniques. Well worth the time.

<http://lumberjocks.com>

Hundreds of projects submitted by members, Forums, Blogs, Videos and more

<http://www.artfulhome.com/>

Fine art pieces

Contact Us

Colorado Woodworkers Guild

P.O. Box 100996
Denver, CO 80250-0996

Phone: 303-523-8960

E-mail:

General Questions or suggestions - Postmaster@coloradowoodworkersguild.org

Submit Articles or Information to the newsletter - Newsletter@coloradowoodworkersguild.org

Questions or suggestions for demos, programs or articles - Programs@coloradowoodworkersguild.org

Web site: www.ColoradoWoodworkersGuild.org

Yahoo Forum: <http://Groups.Yahoo.com/group/ColoradoWoodworkersGuild>

(YAHOO ID and acceptance into this group is required)

Not yet a Member?

We invite you to join now. Here are some of the benefits of becoming a member:

Monthly Guild Meetings -- Here woodworkers from novices to highly skilled craftsmen can meet, network, solicit advice, share ideas, and learn

Annual Craftsman Show -- The woodworkers' showcase! A world-class exhibit featuring pieces created by our diverse and talented guild members

Christmas Toys Program -- A great opportunity for novices to work side-by-side with and learn from experienced craftsmen, and in the process create fabulous toys for underprivileged children

Field Trips -- To local lumber yards, mills and workshops

Monthly Newsletter -- That includes meeting announcements, free classified ads and much, more...

Membership in the Colorado Woodworkers Guild is \$30 per year PER FAMILY for those with email, \$40 for hardcopy delivery.

Board Members

President: Fred Matzen	303-523-8960
frederickrm@gmail.com	
Vice-President: Robert Beason	303-682-0575
rbeason@rbeason.com	
Treasurer: Open	
Secretary: Cal Noguchi	303-902-8134
cbnoguchi@msn.com	
Committees at Large:	
Ron Vanous	303-842-9761
rvanous@comcast.net	
Bill Hoppers	303-424-6052
Webmaster: Fred Matzen	
Christmas Toy Program: Bill Huffer	303-283-8982
Membership Coordinator: Ron Vanous	303-988-6047
Yahoo Group Moderator: Carl Beck	
carl@carlbeck.com	

Monthly Board Meeting

The CWG Board Meeting is held on the forth Tuesday of each month at 6 p.m. The meeting is open to all members. If you have suggestions on speakers, topics, events or activities, please feel free to contact any Board Member or attend the Board meeting. If you plan on attending a meeting, please RSVP to one of the board members because the venue changes and meetings have been cancelled at the last minute.

Mail this Application and a check to:

Colorado Woodworkers Guild
P.O.Box 100996
Denver, CO 80250-0996

Email members - \$30.00/year

Non-email members - \$40.00/year*

Name _____ circle one (New) (Renew)

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ - _____ - _____ E-mail _____

* Non-email members pay more due to the cost of materials, copying and postage



Jeff Herring - Winner of the first Show and Tell Contest

Jeff shown here with his intarsia Mermaid was voted the winner of a \$25 Rockler gift certificate by the members at the February meeting.



Dennis McCaigue

Dennis shows us some of the chisels that he recently worked on.



Paul Seipel - dremel jig

Paul is shown here demonstrating his home made jig that holds a dremel tool. His daughter uses it to shape and sand intarsia pieces.

Paul Seipel - bandsaw boxes

Paul also shared these bandsaw boxes with us.

